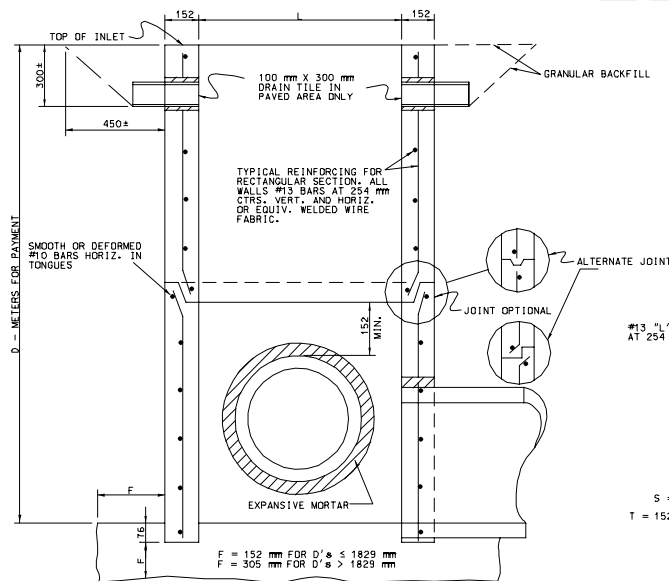
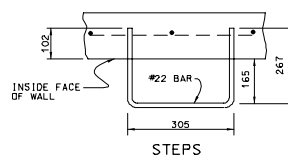


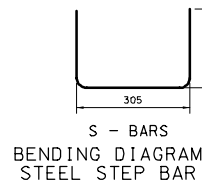
SECTION A-A



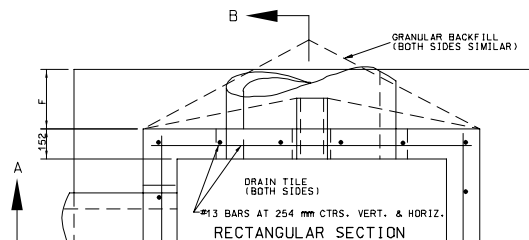
SECTION B-B



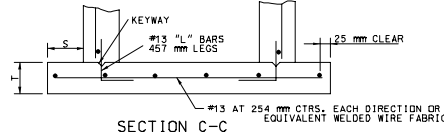
STEPS



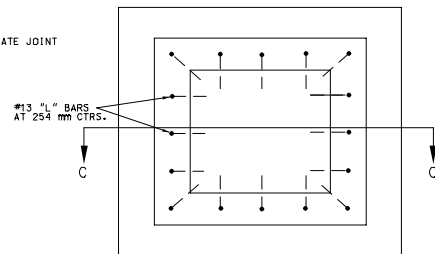
S - BARS
BENDING DIAGRAM
STEEL STEP BAR



INLET PLAN
HALF-SECTION



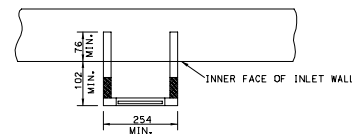
SECTION C-C



S = 0 FOR DEPTHS ≤ 1829 mm AND 229 mm FOR DEPTHS > 1829 mm.
T = 152 mm FOR DEPTHS ≤ 1829 mm AND 229 mm FOR DEPTHS > 1829 mm.

FOUNDATION SLAB AND BASE SECTION MAY BE POURED MONOLITHIC OR SEPARATELY WITH A KEYWAY.

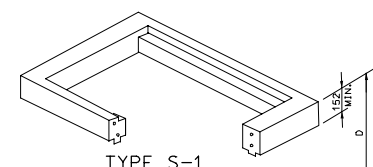
PRECAST FOUNDATION SLAB



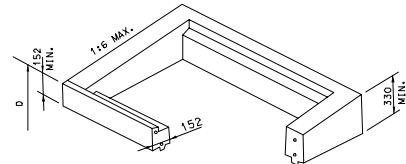
STEPS SHALL BE PLACED AT VERTICAL INTERVALS OF 406 mm MAXIMUM IN ALL INLETS HAVING A DEPTH OF MORE THAN 1219 mm. STEPS SHALL BEGIN AT AN ELEVATION 152 mm ABOVE THE TOP OF THE OUTLET PIPE.

STEPS SHALL BE SET LEVEL AND IN VERTICAL ALIGNMENT AND NOT NEARER THAN 76 mm TO A JOINT.
NO DIRECT PAYMENT WILL BE MADE FOR INLET STEPS.
STEPS ARE NOT REQUIRED FOR TYPE D INLETS.

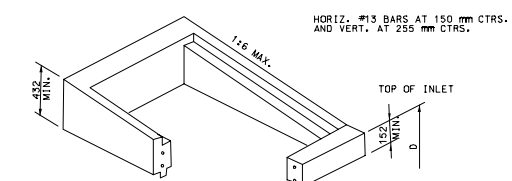
STEP INSTALLATION
(OTHER THAN STEEL BAR)



TYPE S-1

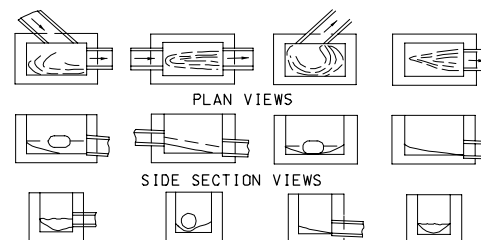


TYPE S-2



TYPE S-3

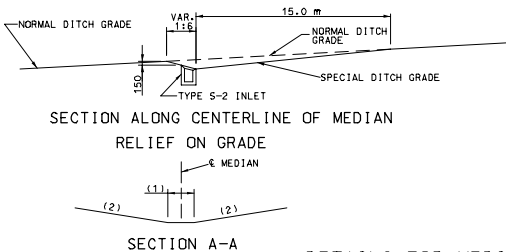
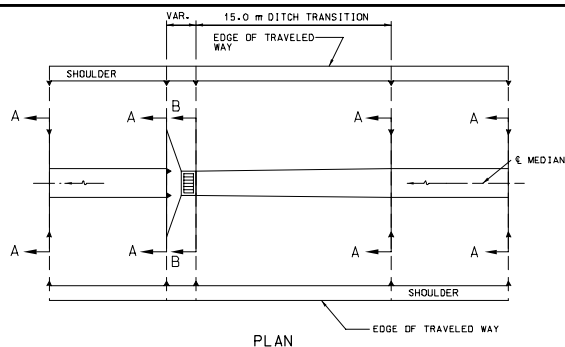
SEE OTHER DRAWINGS FOR GRATES AND BEARING PLATES.
TYPICAL LOCATION DETAILS ARE INDICATED ON SHEET 4 OF 4.
TOP SECTIONS MAY BE CAST MONOLITHIC WITH BASE SECTION.



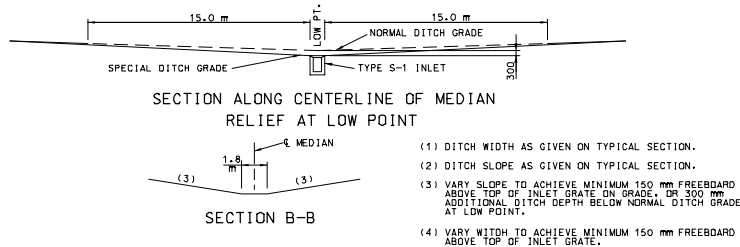
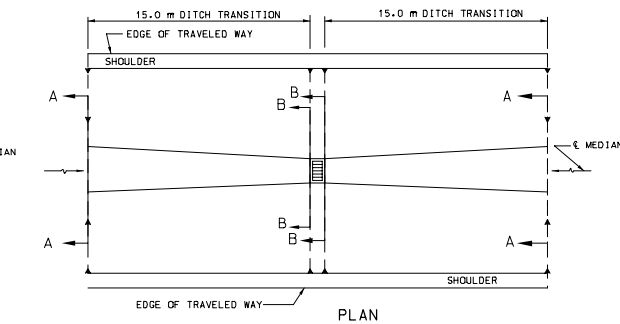
DROP INLET		
WIDTH mm	LENGTH mm	TYPE
914	610	A+B+C
1219	610	
610	610	
914	610	D
914	914	E+S-1
1524	610	S-2, S-3
1524	914	

GENERAL NOTES:
ALL DIMENSIONS SHOWN ARE IN mm UNLESS OTHERWISE NOTED.
THE CONCRETE FOR INVERTS SHALL BE PLACED AFTER COMPLETION OF THE DROP INLET BOX. NO DIRECT PAYMENT WILL BE MADE FOR FURNISHING OR PLACING INVERT CONCRETE.

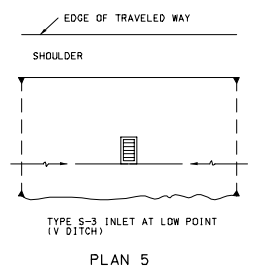
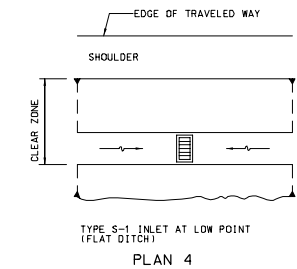
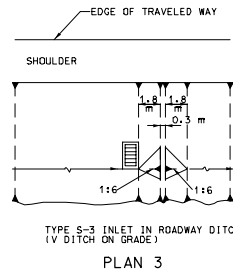
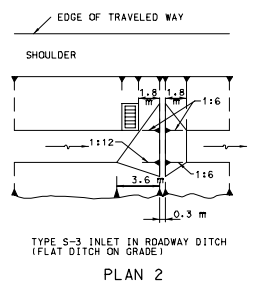
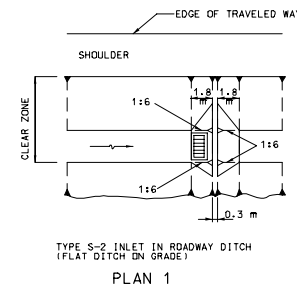
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION			
PRECAST DROP INLET			
DATE: _____	EFFECTIVE: 01-01-2002	M731.10P	1/4



DETAILS FOR MEDIAN RELIEF-18.0 m MEDIAN

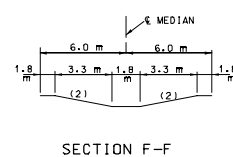
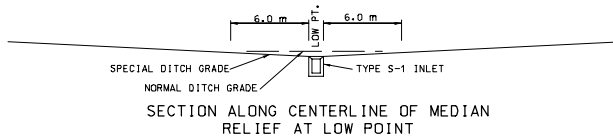
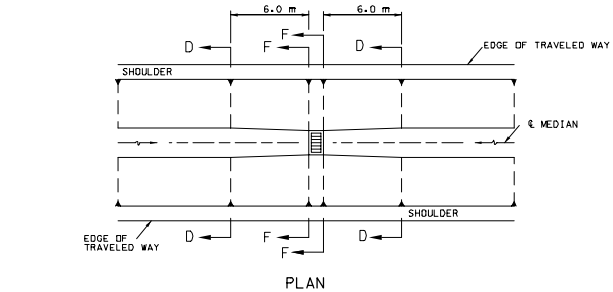
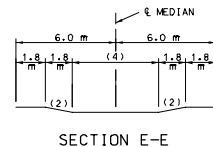
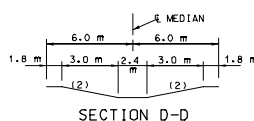
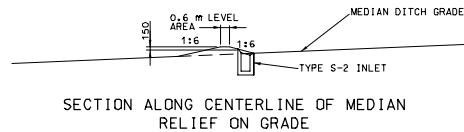
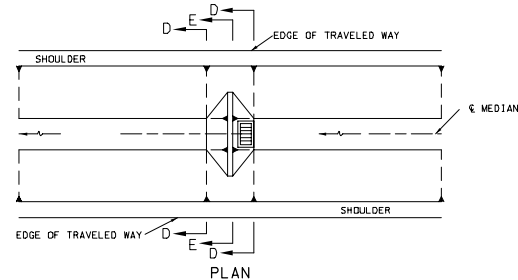


- (1) DITCH WIDTH AS GIVEN ON TYPICAL SECTION.
- (2) DITCH SLOPE AS GIVEN ON TYPICAL SECTION.
- (3) VARY SLOPE TO ACHIEVE MINIMUM 150 mm FREEBOARD ABOVE TOP OF INLET GRATE ON GRADE; OR 300 mm ADDITIONAL DITCH DEPTH BELOW NORMAL DITCH GRADE AT LOW POINT.
- (4) VARY WIDTH TO ACHIEVE MINIMUM 150 mm FREEBOARD ABOVE TOP OF INLET GRATE.



DETAILS FOR ROADWAY DITCH INLETS LOCATED WITHIN THE CLEAR ZONE

GENERAL NOTES:
ALL DIMENSIONS SHOWN ARE IN mm UNLESS OTHERWISE NOTED.
THIS DRAWING IS FOR GENERAL INFORMATION ONLY. ACTUAL CONSTRUCTION DETAILS SHALL CONFORM TO THOSE SHOWN ON THE DETAIL PLANS.
DETAILS ON THIS SHEET ARE ONLY FOR USE WITH STRUCTURES LOCATED IN THE MEDIAN OR WITHIN THE CLEAR ZONE.



DETAILS FOR MEDIAN RELIEF-12.0 m MEDIAN

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION			
PRECAST DROP INLET TYPICAL LOCATION DETAILS - TYPE S			
DATE: _____	EFFECTIVE: 01-01-2002	M731.10P	4 4